

Converting Colors

Hex(91DDB0)

Have a look what the booklet for
Hex(91DBB0) contains.

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Color

Hex(91DBB0)

Conversions

Conversions Part 1

Format	Color
Hex	91DBB0
RGB	145, 219, 176
RGB Percent	57%, 86%, 69%
CMY	0.4314, 0.1412, 0.3098
CMYK	0.34, 0.00, 0.20, 0.14
HSL	145°, 51%, 71%
HSV	145°, 34%, 86%
XYZ	44.8450, 59.8174, 50.2566
YIQ	191.9720, -30.3010, -29.0610

Conversions

Conversions Part 2

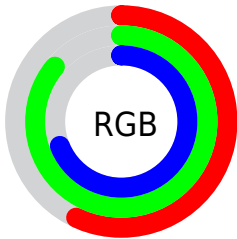
Format	Color
RYB	145, 197, 219
Decimal	9558960
CIELab	81.74, -32.04, 13.95
CIElCh	82, 34.944, 156.469
Yxy	59.8174, 0.2895, 0.3861
Android (android.graphics.Color)	4287749040 (0xFF91DBB0)
YUV	191.9720, -7.8742, -41.1944
Hunter-Lab	77.3417, -31.8483, 15.6125

Details

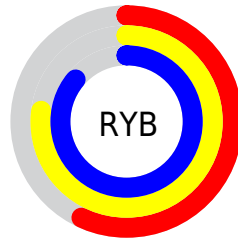
The Hex color **91DBB0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DB91BC**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **C9FFE8**, and **5BA47B** is the 20% darker color. If you saturate the color by 10%, you get **7BDBA3**, and if you desaturate by 10%, it is **A7DBBD**.

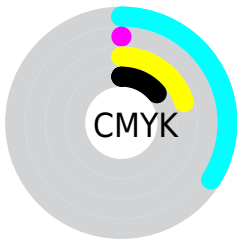
Distribution



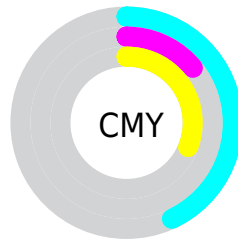
- Red (57%)
- Green (86%)
- Blue (69%)



- Red (57%)
- Yellow (77%)
- Blue (86%)



- Cyan (34%)
- Magenta (0%)
- Yellow (20%)
- Black (14%)




- Cyan (43%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91DBB0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 91DBB0 by changing the saturation by 10% instead.

 91DBB0

 91DBB0

FFFFFF

 76BF95


 C9FFE8

 5BA47B

 E6FFFF

 418962

 266F4A

 015634

 003E1E

 002807

 000C00

 000000

 91DBB0

 91DBB0

 7BDBA3

 A7DBBD

 65DB97

 BDDBC9

 4FDB8A

 D3DBD6

 39DB7D

 E9DBE3

 24DB70

 FEDBF0

 0EDB64

 FFDBFC

 00DB5C

 FFDBFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B7D596



91DBB0



6EDDD1

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91DBB0



ABCCFF



FFB7A6

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91DBB0



DB91BC

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB3C5



91DBB0



D9C0FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91DBB0



7BD6FF



FBB6E6



F8C090

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91DBB0



61DDE7



FBB6E6



FFB5B0

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91DBB0



E6FFF0



BCDB91



708077



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91DBB0



96FFC2



91DBD5



636E67



00AD49



002E13

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



DB91BC



FF96D3



DB9197



6E6369



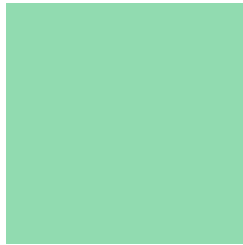
AD0065



2E001B

Previews

White Background



This preview shows how the Hex color 91DBB0 looks on a white background.

Color Contrast Check

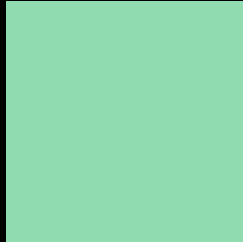
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 91DBB0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

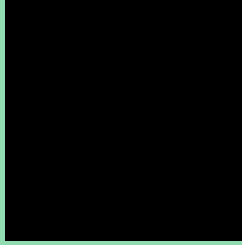
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

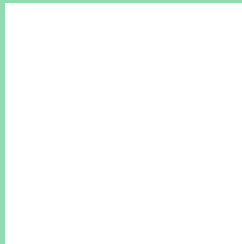
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 91DBB0 Background



This preview shows how black text looks on a background with the Hex color 91DBB0.

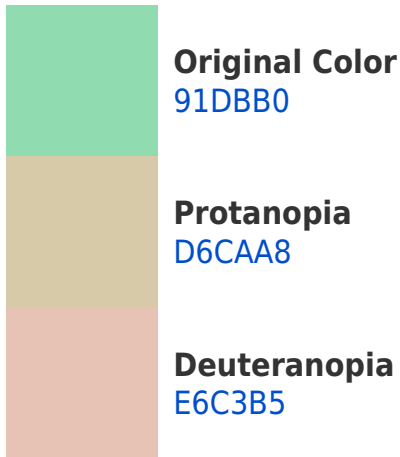


This preview shows how white text looks on a background with the Hex color 91DBB0.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
9CD4E5

Trichromacy



Original Color
91DBB0



Protanomaly
BDD0AB



Deuteranomaly
C7CCB3

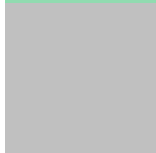


Tritanomaly
98D7D2

Monochromacy



Original Color
91DBB0



Achromatopsia
C0C0C0



Achromatomaly
AFCABA

CSS Examples

Text

The CSS property to change the color of the text to Hex 91DDB0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #91DDB0 looks like.

```
.text, #text, p{  
    color:#91DDB0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #91DBB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91DBB0
}
```

Border

The CSS property to change the border of an element to Hex 91DBB0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91DBB0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#91DBB0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #91DBB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91DBB0; -webkit-box-shadow:4px 4px  
4px 4px #91DBB0; box-shadow:4px 4px 4px  
4px #91DBB0 }
```

Background

The CSS property to change the background color of an element to Hex 91DBB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91DBB0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#91DBB0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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